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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/671,654	09/28/2000	Shunpei Yamazaki	0756-2210	7425

31780 7590 06/18/2003

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EXAMINER

ZIMMERMAN, GLENN

ART UNIT PAPER NUMBER

2879

DATE MAILED: 06/18/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/671,654

Applicant(s)

YAMAZAKI ET AL.

Examiner

Glenn Zimmerman

Art Unit

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 February 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☒ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-12 is/are allowed.
- 6) ☐ Claim(s) _____ is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 28 September 2000 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 6-8.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

DETAILED ACTION

Response to Amendment

Amendment, filed on February 10, 2003, has been entered and acknowledged by the examiner.

Drawings

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference sign(s) not mentioned in the description: 3607R. A proposed drawing correction, corrected drawings, or amendment to the specification to add the reference sign(s) in the description, are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: 349. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Specification

The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC (See 37 CFR 1.52(e)(5) and MPEP 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables having more than 50 pages of text are permitted to be submitted on compact discs.) or
REFERENCE TO A "MICROFICHE APPENDIX" (See MPEP § 608.05(a). "Microfiche Appendices" were accepted by the Office until March 1, 2001.)
- (e) BACKGROUND OF THE INVENTION.
 - (1) Field of the Invention.
 - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (f) BRIEF SUMMARY OF THE INVENTION.
- (g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (h) DETAILED DESCRIPTION OF THE INVENTION.
- (i) CLAIM OR CLAIMS (commencing on a separate sheet).
- (j) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (k) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a

nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

Allowable Subject Matter

Claims 1-12 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 1, the following is an examiner's statement of reasons for allowance: The prior art of record neither shows nor suggests an active matrix type organic EL display device including the combination of all the limitations as set forth in claim 1, and specifically an insulating gate field effect transistor provided on a single crystal semiconductor substrate; wherein the single crystal semiconductor substrate is held in a vacant space which is defined by the bed plate and the cover plate and the packing material wherein the vacant space is filled with an inert gas and a drying agent and wherein the single crystal semiconductor substrate is fixed over the bed plate could not be found elsewhere in prior art.

Regarding claim 2, claim 2 is allowed for the reasons given in claim 1, because of its dependency status on claim 1.

Regarding claim 3, the following is an examiner's statement of reasons for allowance: The prior art of record neither shows nor suggests an active matrix type organic EL display device including the combination of all the limitations as set forth in claim 3, and specifically an insulating gate field effect transistor provided on a single

crystal semiconductor substrate; wherein the single crystal semiconductor substrate is held in a vacant space which is defined by the bed plate and the cover plate and the packing material wherein the vacant space is filled with an inert gas and a drying agent and wherein the single crystal semiconductor substrate is fixed over the bed plate could not be found elsewhere in prior art.

Regarding claim 4, claim 4 is allowed for the reasons given in claim 3, because of its dependency status on claim 3.

Regarding claim 5, the following is an examiner's statement of reasons for allowance: The prior art of record neither shows nor suggests an active matrix type organic EL display device including the combination of all the limitations as set forth in claim 5, and specifically an insulating gate field effect transistor provided on a single crystal semiconductor substrate; wherein the single crystal semiconductor substrate is held in a vacant space which is defined by the bed plate and the cover plate and the packing material wherein the vacant space is filled with an inert gas and a drying agent and wherein the single crystal semiconductor substrate is fixed over the bed plate could not be found elsewhere in prior art.

Regarding claim 6, claim 6 is allowed for the reasons given in claim 5, because of its dependency status on claim 5.

Regarding claim 7, the following is an examiner's statement of reasons for allowance: The prior art of record neither shows nor suggests an active matrix type organic EL display device including the combination of all the limitations as set forth in claim 7, and specifically an insulating gate field effect transistor provided on a single

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crystal semiconductor substrate; wherein the single crystal semiconductor substrate is held in a vacant space which is defined by the bed plate and the cover plate and the packing material wherein the vacant space is filled with an inert gas and a drying agent and wherein the single crystal semiconductor substrate is fixed over the bed plate could not be found elsewhere in prior art.

Regarding claim 8, claim 8 is allowed for the reasons given in claim 7, because of its dependency status on claim 7.

Regarding claim 9, the following is an examiner's statement of reasons for allowance: The prior art of record neither shows nor suggests an active matrix type organic EL display device including the combination of all the limitations as set forth in claim 9, and specifically an insulating gate field effect transistor provided on a single crystal semiconductor substrate; wherein the single crystal semiconductor substrate is held in a vacant space which is defined by the bed plate and the cover plate and the packing material wherein the vacant space is filled with an inert gas and a drying agent and wherein the single crystal semiconductor substrate is fixed over the bed plate could not be found elsewhere in prior art.

Regarding claim 10, claim 10 is allowed for the reasons given in claim 9, because of its dependency status on claim 9.

Regarding claim 11, the following is an examiner's statement of reasons for allowance: The prior art of record neither shows nor suggests an active matrix type organic EL display device including the combination of all the limitations as set forth in claim 11, and specifically an insulating gate field effect transistor provided on a single

crystal semiconductor substrate; wherein the single crystal semiconductor substrate is held in a vacant space which is defined by the bed plate and the cover plate and the packing material wherein the vacant space is filled with an inert gas and a drying agent and wherein the single crystal semiconductor substrate is fixed over the bed plate could not be found elsewhere in prior art.

Regarding claim 12, claim 12 is allowed for the reasons given in claim 11, because of its dependency status on claim 11.

Conclusion

This application is in condition for allowance except for the following formal matters:

Specification and drawing objections.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

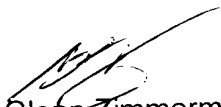
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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Glenn Zimmerman whose telephone number is (703) 308-8991. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel can be reached on (703) 305-4794. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7382 for regular communications and (703) 308-7382 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is n/a.


Glenn Zimmerman
June 13, 2003


NIMESH PATEL
SUPERVISOR, ART UNIT 2879
TECHNICAL CENTER, 2003